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UTILITY PATENT APPLICATION **TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

John to a conceasin of interm	ation driess it displays a valid ONB control number.
Attorney Docket No.	120478
First Inventor	Richard Andrew Holland
Title	Computation of Radiating land wave Distributions Us
Express Mail Label No.	EU921344187US

See MPEP c	APPLICATION ELEMENTS chapter 600 concerning utility patent application contents.	Mail Stop Patent Application Commissioner for Patents P.O. Box 1450 Alexandria VA 22313-1450					
Submit Applica Specific (preferred - Description - Cross - Staten - Referred - Backg - Brief S - Brief S - Brief S - Brief S - Detailed - Claim (- Abstra - Abstra - Copposite - Copposit	ed arrangement set forth below) iptive title of the invention Reference to Related Applications nent Regarding Fed sponsored R & D ence to sequence listing, a table, computer program listing appendix fround of the Invention Summary of the Invention Description of the Drawings (if filed) ed Description (s) act of the Disclosure ag(s) (35 U.S.C. 113) [Total Sheets1	7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix) 8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary) a. Computer Readable Form (CRF) b. Specification Sequence Listing on: i. CD-ROM or CD-R (2 copies); or ii. Paper c. Statements verifying identity of above copies ACCOMPANYING APPLICATION PARTS 9. Assignment Papers (cover sheet & document(s)) 10. 37 CFR 3.73(b) Statement Power of (when there is an assignee) Attorney 11. English Translation Document (if applicable) 12. Information Disclosure Copies of IDS Statement (IDS)/PTO-1449 Citations 13. Preliminary Amendment 14. Return Receipt Postcard (MPEP 503) (Should be specifically itemized) 15. Certified Copy of Priority Document(s) (if foreign priority is claimed) Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.					
18. If a CONTIN	NUING APPLICATION, check appropriate box, and sup lowing the title, or in an Application Data Sheet under 3	ply the requisite information below ar 7 CFR 1.76:	nd in the first sentence of the				
5b, is considered		Art Unit: Pe prior application, from which an oath or divisional application and is hereby	incorporated by reference.				
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Name (Print/Typ	De) Pameta A. Ruest, Esq.	Registration No. (Attorney/Agent)	40.795				
Signature	Vanela a Buent	, , ,	Date March 1, 2004				

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FEE TRANSMITTAL					Complete if Known				
					Application Number		per		
for FY 2004 Effective 10/01/2003. Patent fees are subject to annual revision.				Filing Date			March 1, 2004	March 1, 2004	
				First Named Inventor		d Inve	ntor Richard Andrew Holland	Richard Andrew Holland	
			Examiner Name		lame				
Applican	t claims small entity status.	See 37 CFR 1.27		Art U	nit				
TOTAL AM	TOTAL AMOUNT OF PAYMENT (\$) 962.00			Attorr	ney Do	ocket N	No. 120478		
METHOD OF PAYMENT (check all that apply)				FEE CALCULATION (continued)					
✓ Check Credit card Money Other None ✓ Deposit Account:			3. ADDITIONAL FEES Large Entity Small Entity Fee Fee						
Deposit Account Number	50-1740		Code 1051	,	Code 2051	(\$) 65	Surcharge - late filing fee or oath	Fee Paid	
Deposit Account Name		1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet			
The Director is authorized to: (check all that apply) Charge fee(s) indicated below Charge any additional fee(s) or any underpayment of fee(s)			1053 1812	130 2,520	1053	130	Non-English specification For filing a request for ex parte reexamination		
			1804	•	1804		Requesting publication of SIR prior to Examiner action		
Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.			1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action		
FFF CALCULATION			1251	110	2251	55	Extension for reply within first month		

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1. BASIC FILING FEE

arge Entity Small Entity

Code (\$)

1001 770

Fee Fee Code (\$)

2001 385

Fee Description

Utility filing fee

SUBTOTAL (2)

**or number previously paid, if greater; For Reissues, see above

210 Extension for reply within second month

475 Extension for reply within third month

740 Extension for reply within fourth month

SUBTOTAL (3)

(\$) 0.00

1,005 Extension for reply within fifth month

1002 340	2002	170	Design filing fee		1401	330	2401	165	Notice of Appeal	
1003 530	2003	265	Plant filing fee		1402	330	2402	165	Filing a brief in support of an appeal	
1004 770	2004	385	Reissue filing fee		1403	290	2403	145	Request for oral hearing	
1005 160	2005	80	Provisional filing fee		1451	1,510	1451	1,510	Petition to institute a public use proceeding	
	l		SUBTOTAL (1) (\$) 385	5.00	1452	110	2452	55	Petition to revive - unavoidable	
0 EVEDA	OL 418				1453	1,330	2453	665	Petition to revive - unintentional	
2. EXTRA	CLAIN	/I FE	ES FOR UTILITY AND		1501	1,330	2501	665	Utility issue fee (or reissue)	
	lo c	_	Extra Claims below	Fee Paid	1502	480	2502	240	Design issue fee	
Total Claims Independent	<u>65</u>	===	20** = 45 x 9 :	405	1503	640	2503	320	Plant issue fee	
Claims		1460	130	1460	130	Petitions to the Commissioner				
Multiple Depe			:	577	1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
Large Entity Fee Fee		II Ent			1806	180	1806	180	Submission of Information Disclosure Stmt	
Code (\$) 1202 18	Coc	ie (\$			8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1202 18	i i	202 201	43 Independent claims in ex	cess of 3	1809	770	2809	385	Filing a submission after final rejection (37 CFR 1.129(a))	
1203 290	22	203 ′	145 Multiple dependent claim	, if not paid	1810	770	2810	385	For each additional invention to be	
1204 86	22	204	43 ** Reissue independent of	claims					examined (37 CFR 1.129(b))	
			over original patent		1801	770	2801	385	Request for Continued Examination (RCE)	
1205 18	22	205	9 ** Reissue claims in exce and over original paten		1802	900	1802	900	Request for expedited examination of a design application	

SUBMITTED BY (Complete (if applicable)) Registration No. Name (Print/Type) Pamela A. Ruest, Esq. 40,795 Telephone 814-238-4926 (Attorney/Agent) Signature

Other fee (specify)

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Practition	ner's Docket No.:	120478		PATENT
	IN THE UNITED STA	ATES PATENT	AND TRADEMARK	OFFICE
Serial No. Filed: For:	March 1, 2004 COMPUTATION OF RA A GENERALIZED DISC RAY SETS	G E ADIATING PAI		ISTRIBUTIONS USING I REPRESENTATIVE
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			Autumn Vanatta Typed or printed name of po	ratta

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